Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

fitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 4

	Complete If Known
Application Number	10/535,500
Filing Date	May 18, 2005
First Named Inventor	Anne Mette Buhl HERTZ, et al.
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	55320.001041

			U.S. PATENT DOCUI	MENTS	
Examiner Initials *	Cite No.1	U.S. Patent Document Number Kind Code ² (# Known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/AMG/	1.	4,554,101	Hopp `	11-19-1985	
/AMG/	2.	5,681,729	Kudo et al.	10-28-1997	
	 				<u> </u>
				<u> </u>	
	 				

	FOREIGN PATENT DOCUMENTS							
Examiner Cite	Cite	Foreign Patent Document		Name of Patentee or	Date of Publication	Pages, Columns, Lines,		
Initials*	No.1	Office ³	Number ⁴	(B known) Sounding William South	Where Relevant Passages or Relevant Figures Appear	Т ₆		
/AMG/	3.	wo	00/67795	A1	Immunomedics, Inc.	11-16-2000	· · · · · · · · · · · · · · · · · · ·	
/AMG/	4.	.wo	00/44788	A1	IDEC Pharmaceuticals Corp.	08-03-2000		
/AMG/	5.	wo	01/64886	A2	Corixa Corporation	09-07-2001		
/AMG/	6.	EP	1 033 401	A2	GENSET	09-06-2000		
						,		
	ı		ì	1		· .		1

Examiner Signature	/Anne Gussow/	Date Considered	10/29/2007	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark hee if English language Translation is attached.

Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute	o for form 1449A/PTC)		,	Complete if Known
INITA	SOMATION	DIC	OLOCUPE	Application Number	10/535,500
	-		CLOSURE	Filing Date	May 18, 2005
STA	TEMENT B	YA	PPLICANT	First Named Inventor	Anne Mette Buhl HERTZ, et al.
				Group Art Unit	Unassigned
	(use as many she	9 013 AS	i necessary)	Examiner Name	Unassigned
Sheet	2	of	4	Attorney Docket Number	55320.001041

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T 2
/AMG/	7.	Damie et al., "B-Cell Chronic Lymphocytic Leukemia Cells Express a Surface Membrane Phenotype of Activated, Antigen-Experienced B Lymphocytes", Blood, Vol. 99, No. 11, pg. 4087-4090, 2002.	
	8.	Hamblin, "Chronic Lymphocytic Leukaemia: One Disease of Two?", Ann Hematol, Vol. 81, pg. 299-303, 2002.	
	9.	Kröber, et al., "V _H Mutation Status, CD38 Expression Level, Genomic Aberrations, and Survival in Chronic Lymphocytic Leukemia", Blood, Vol. 100, No. 4, pg. 1410-1416, 2002.	
	10.	Lin et al., "Relationship between p53 Dysfuction, CD38 Expression, and IgV _H Mutation in Chronic Lymphocytic Leukemia", Blood, Vol. 100, No. 4, pg. 1404-1409, 2002.	
	11.	Jensen et al., "Rapid Tumor Lysis in a Patient with B-Cell Chronic Lymphocytic Leukemia and Lymphocytosis Treated with an Anti-CD20 Monoclonal Antibody (IDEC-C2B8, Rituximab), Ann Hematol, Vol. 77, pg. 89-91, 1998.	
	12.	Muzny et al., "Homosapiens", 12 BAC RP11-693J15, Database EMBL, accession number AC063949, 2000.	
	13.	Andrews et al., "Reconstruction of a Functional Human Type II IL-4/IL-13 Receptor in Mouse B Cells: Demonstration of Species Specificity" J Immunol, Vol. 166, No. 3, pg. 1716-1722, 2001.	
	14.	Bouteiller et al., "Isolation of an IL-13-dependent Subclone of the B9 Cell Line Useful for the Estimation of Human IL-13 Bioactivity", Journal of Immunological Methods, Vol. 181, pg.29-36, 1995.	
	15.	Chaouchi et al., "Interleukin-13 Inhibits Interleukin-2-Induced Proliferation and Protects Chronic Lymphocytic Leukemia B Cells from In Vitro Apoptosis", Blood, Vol.87, No.3, pg.1022-1029, 1996.	
	16.	Damie et al., "Ig V Gene Mutation Status and CD38 Expression as Novel Prognostic Indicators in Chronic Lymphocytic Leukemia", Blood, Vol.94, No. 6, pg. 1840-1847, 1999.	
/AMG/	17.	Dancescu et al., "Interleukin 4 Protects Chronic Lymphocytic Leukemic B Cells from Death by Apoptosis and Upregulates Bcl-2 Expression" J. Exp. Med., Vol. 176, pg. 1319-1326, 1992.	

Examiner Signature	/Anne Gussow/	Date Considered	10/29/2007	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



¹ Unique citation designation number. 2 Applicant is to place a check mark here if English language Translation is attached.

Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute	e for form 1449A	VPTO		Complete if Known			
INITA	DIATI		OLOGUEE	Application Number	10/535,500		
			CLOSURE	Filing Date	May 18, 2005		
STA	TEMENT	BYA	PPLICANT	First Named Inventor	Anne Mette Buhl HERTZ, et al.		
				Group Art Unit	Unassigned		
	(use as many sheets as necessary)			Examiner Name	Unassigned		
Sheet	3	of	4	Attorney Docket Number	55320.001041		

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Τ ⁴
/AMG/	18.	Dohner et al., "Genomic Aberrations and Survival in Chronic Lymphocytic Leukemia", The New England Journal of Medicine, Vol. 343, No. 26, pg. 1910-1916, 2000.	
	19.	Fluckiger et al., "IL-13 has only a subset of IL-4-like Activities on B Chronic Lymphocytic Leukaemia Cells", Immunology, Vol. 83, No. 3, pg. 397-403, 1994.	
	20.	Hamblin, et al., "Unmutated Ig V _H Genes are Associated with a More Aggressive Form of Chronic Lymphocytic Leukemia", Blood, Vol. 94, No. 6, pg. 1848-1854, 1999.	
	21.	Jorgensen et al., Differential Display Competitive Polymerase Chain Reaction: An Optimal Tool for Assaying Gene Expression", Electrophoresis, Vol. 20, pg. 230-240, 1999.	
i	22.	Kirn et al., "The Emerging Fields of Suicide Gene Therapy and Virotherapy", Trends in Molecular Medicine, Vol. 8, No. 4, pg. S68-S73, 2002.	
	23.	Kröber et al., "V _H Mutation Status, CD38 Expression Level, Genomic Aberrations, and Survival in Chronic Lymphocytic Leukemia", Blood, Vol. 100, No. 4, pg-1410-1416, 2002.	
	24.	Kyte et al., "A Simple Method for Displaying the Hydropathic Character of a Protein", Journal of Molecular Biology, Vol. 157, pg. 105-132, 1982.	
	25.	Liang et al., "Differential Display of Eukaryotic Messenger RNA by Means of the Polymerase Chain Reaction", Science, Vol. 257, pg. 967-971, 1992.	
	26.	Lundin et al., "Interleukin 4 Therapy for Patients with Chronic Lymphocytic Leukaemia: a phase I/II Study", British Journal of Haematology, Vol. 112, pg. 155-160, 2001.	
1	27.	Luo et al., Antiproliferative Effect of Interleukin-4 in B Chronic Lymphocytic Leukemia", Journal of Immunotherapy, Vol. 10, pg. 418-425, 1991.	
/AMG/	28.	Merrifield, "Solid Phase Peptide Synthesis. I. The Synthesis of a Tetrapeptide", J. Am. Chem. Soc., Vol. 85, pg. 2149-2154, 1963.	

Examiner Signature	/Anne Gussow/	Date Considered	10/29/2007	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute	for form 1449A/P	то			Complete if Known
				Application Number	10/535,500
	- -		CLOSURE	Filing Date	May 18, 2005
STAT	'EMENT I	BY A	PPLICANT	First Named Inventor	Anne Mette Buhl HERTZ, et al.
				Group Art Unit	Unassigned
	(USO AS MANY S	cheets as	necessary)	Examiner Name	Unassigned
Sheet	4	of	4	Attorney Docket Number	55320.001041

Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T²	
/AMG/	29.	Panayiotidis et al., "Interleukin-4 Inhibits Apoptotic Cell Death and Loss of the bcl-2 Protein in B-Chronic Lymphocytic Leukaemia Cells <i>in vitro</i> , British Journal of Haematology, Vol. 85, pg. 439-445, 1993.	
	30.	Petersen et al., "Optimisation of the CT.h4S Bioassay for Detection of Human Interleukin-4 Secreted by Mononuclear Cells Stimulated by Phytohaemaglutinin or by Human Leukocyte Antigen Mismatched Mixed Lymphocyte Culture", Immunology Letters, Vol. 84, pg. 29-39, 2002.	
	31.	Yazawa et al., "Current Progress in Suicide Gene Therapy for Cancer", World J. Surg., Vol. 26, No. 7, pg. 783-789, 2002.	
·	32.	Oscier et al., Multivariate Analysis of Prognostic Factors in CLL: Clinical Stage, <i>IGVH</i> gene mutational status, and Loss or Mutation of the <i>p53</i> gene are Independent Prognostic Factors", Blood, Vol. 100, No. 4, pg. 1177-1184, 2002.	
	33.	Standard Search Report in DK2002 01792, dated July 22, 2003.	
/AMG/	34.	International Search Report in PCT/DK03/00794, dated Augst 16, 2004.	

Examiner Signature	/Anne Gussow/	Date Considered	10/29/2007	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.



Substitute for form 1449/PTO Application Number 10/535,500 Filing Date May 18, 2005 INFORMATION DISCLOSURE First Named Inventor Anne Mette Buhl HERTZ,et al. STATEMENT BY APPLICANT Art Unit Unassigned (use as many sheets as necessary) Examiner Name Unassigned Sheet 1 of 1 Attorney Docket Number 55320.001041 OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the *Examine **TRANSLATION** item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue Initials No. number(s), publisher, city and/or country where published YES NO 1. Written Opinion issued in International Application No. PCT/DK03/00794, dated October 27, П /amg 2004. П П 10/29/2007 **EXAMINER SIGNATURE** /Anne Gussow/ DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through

citation if not in conformance and not considered. Include copy of this form with next communication to applicant.